



DAG  
CW

Please type a plus sign (+) inside this box → ☐

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	09/280,618
	<b>Filing Date</b>	March 29, 1999
	<b>First Named Inventor</b>	Mahdi S. CHAMBERS
	<b>Group Art Unit</b>	2616
	<b>Examiner Name</b>	Derrick W. Ferris
<b>Attorney Docket Number</b>		129250-000915/US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Letter to the Official Draftsperson and ( ) Sheets of Formal Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input checked="" type="checkbox"/> Petition to Withdraw Abandonment  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input checked="" type="checkbox"/> Change of Correspondence Address/Revocation & POA  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Enclosures in support of Petition
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Capitol Patent & Trademark Law Firm, PLLC	Attorney Name John E. Curtin	Reg. No. 37,602
Signature			
Date	February 16, 2007		



PATENT  
129250-000915/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Mahdi S. Chambers                      Group No.: 2616  
Application No.: 09/280,618                      Conf. No.: 6099  
Filed: March 29, 1999                      Examiner: Derrick W. Ferris  
For: DESTINATION CALL ROUTING APPARATUS AND METHOD

---

**PETITION TO WITHDRAW HOLDING OF ABANDONMENT  
UNDER 37 CFR 1.181(a) et seq.**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
Mail Stop PETITION

February 16, 2007

Sir:

Applicant hereby petitions for withdrawal of the holding of abandonment in the above-identified application because a timely response to the Office Action mailed June 15, 2005 was filed by the Applicant.

The Applicant's attorney, John E. Curtin, hereby submits the following statement in support of this Petition:

**A. STATEMENT BY APPLICANT'S ATTORNEY IN SUPPORT OF  
PETITION TO WITHDRAW HOLDING OF ABANDONMENT**

- 1.) On June 16, 2005 the Applicant's attorney received a Final Office Action dated June 15, 2006 at the attorney's previous address of Harness, Dickey & Pierce ("HDP"), P.O. Box 8910, Reston, Virginia 20195.
- 2.) On August 5, 2005 the Applicant's attorney filed an Amendment After Final ("AAF") in response to the June 15, 2006 Final Office Action (see copy of response and stamped postcard enclosed).
- 3.) On August 23, 2005 the Applicant's attorney received an Advisory Action dated August 22, 2005 which indicated that the Examiner had received the AAF, but would not enter the amendments in the AAF (see copy of Advisory Action enclosed).
- 4.) On September 13, 2005 the Applicant's attorney filed a Notice of Appeal (see copy enclosed along with stamped postcard).
- 5.) On November 10, 2005 the Applicant's attorney filed a Request For Continued Examination ("RCE") requesting that the Examiner consider and enter the AAF previously submitted (see copy of RCE and stamped postcard enclosed).
- 6.) On March 17, 2006 the Applicant's attorney joined the law firm of Capitol Patent & Trademark Law Firm, PLLC, (CP&T), P.O. Box 1995, Vienna, Va. 22183 (703)266-3330.
- 7.) On January 30, 2007 a representative of the Examiner in the above-referenced application called the Applicant's attorney at his new telephone number to ask if the Applicant intended to abandon the application. The Applicant's attorney indicated that a response to the June 15, 2005 Final Office Action had been timely filed and that no such abandonment was intended. The Applicant's attorney left a telephonic message with the Examiner on the same day indicating that a response had been filed and that no abandonment was intended. Subsequently, the Examiner and Applicant's attorney spoke by telephone. Once again the Applicant's attorney indicated that a timely response had been filed and that no abandonment was intended. The Examiner indicated that there was no record of a timely response by Applicant.
- 8.) A Notice of Abandonment was mailed on February 2, 2007 (see copy enclosed) to Applicant's attorney's previous address at HDP. A courtesy copy was faxed to the Applicant's attorney at his new CP&T address as well. This Petition followed.

**B. REQUEST TO WITHDRAW HOLDING OF ABANDONMENT**

Based on the above statement, the Applicant respectfully requests withdrawal of the holding of abandonment in this application because a timely response to the June 15, 2005 Final Office action was timely filed.

APPLICANT HEREBY PETITIONS FOR WITHDRAWAL OF THE HOLDING OF ABANDONMENT IN THIS APPLICATION.

1. Petition Fee:

  X   No Fee is believed due.

2. Reply and/or Fee:

  X   No reply or fee is believed due.

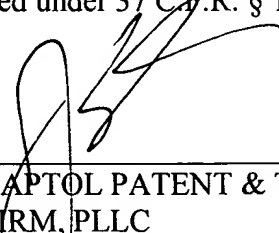
3. Terminal Disclaimer with disclaimer fee

  X   Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.

If a fee is necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment of such a fee to Deposit Account No. 50-3777 and for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

February 16, 2007

Date:

  
CAPTOL PATENT & TRADEMARK LAW  
FIRM, PLLC

By John E. Curtin, Reg. No. 37,602

P.O. Box 1995

Vienna, Va. 22183

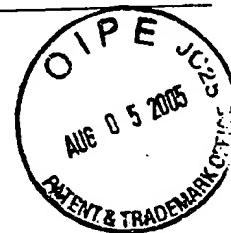
(703) 266-3330



Applicant: Mahdi S. CHAMBERS	Case No.: 29250-000915/US
Serial No.: 09/280,618	Filing Date: March 29, 1999
Title: DESTINATION CALL ROUTING APPARATUS AND METHOD	

Please acknowledge receipt of:

Transmittal  
Amendment After Final



By stamping and returning to Harness, Dickey & Pierce, P.L.C.

USPTO Date Stamp

Due: 09/15/2005

Attorney: John E. Curtin f. 08/05/2005

17



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/280,618  
Filing Date: March 29, 1999  
Applicant: Mahdi S. CHAMBERS  
Group Art Unit: 2663  
Examiner: Keith M. George  
Title: DESTINATION CALL ROUTING APPARATUS AND  
METHOD  
Attorney Docket: 29250-000915/US

---

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
**Mail Stop AF**

August 5, 2005

**AMENDMENT AFTER FINAL REJECTION UNDER 37 C.F.R. §1.116**

Sir:

Applicant is in receipt of the Office Action dated June 15, 2005 ("Final Office Action"), and respond as follows.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 16 of this paper.

### **IN THE CLAIMS**

Kindly amend claims 1, 19, 23, 25-27, 31, 39 40 and 41 as follows and delete claims 11 and 32 without prejudice to, or disclaimer of, the subject matter therein. The subject matter of claims 11 and 32 has been placed into independent claims 1 and 19, respectively.

The following is a complete listing of revised claims with a status identifier in parenthesis.

#### **LISTING OF CLAIMS**

1. (Currently Amended) A method for routing traffic over a Public Switched Telephone Network (PSTN) from an origin location to a destination location associated with a traffic type, said traffic comprising signaling data and traffic data, the method comprising the steps of:

receiving signaling data from a first switch serving the origin location;

determining said traffic type from said signaling data that has been received wherein said traffic type is characterized as a first traffic type or a second traffic type, the first traffic type being a non-IP based voice traffic type and the second traffic type being an IP based traffic type;

directing said signaling data to said destination location associated with said first or second traffic type; and

controlling a second switch serving said destination location to direct traffic data from the origin location to said destination associated with said first

or second traffic type; the second switch configured to direct traffic data of the first traffic type to a destination end office and the second traffic type to another type of destination network element.

2. (Original) The method of Claim 1 wherein said signaling data comprises an initial message and following messages.

3. (Previously Presented) The method of Claim 1 wherein said step of determining a traffic type further comprises the steps of:

decoding said signaling data;

determining a called directory number from said signaling data that has been decoded; and

matching said called directory number with an entry of a predetermined table correlating directory numbers, said traffic types, and said destination locations.

4. (Previously Presented) The method of claim 1 further comprising the step of:

creating a table, wherein each element of said table correlates a directory number with said traffic type and said destination location; and

storing said table.



5. (Original) The method of Claim 1 wherein said signaling data that has been received and said signaling data that has been directing are of a first protocol.

6. (Original) The method of Claim 1 wherein said signaling data that has been received is of a first protocol and said signaling data that has been directing is of a second protocol.

7. (Previously Presented) The method of Claim 1 wherein the step of directing said signaling data to said destination location associated with said traffic type that has been determined to establish a call further comprises the steps of:

forwarding said signaling data that has been received in a first protocol to a first destination network element, when said traffic type is characterized as said first traffic type;

translating said signaling data that has been received in said first protocol to corresponding signaling data of a second protocol, when said traffic type is characterized as said second traffic type; and

forwarding said signaling data of said second protocol to a second destination network element, when said traffic type is characterized as said second traffic type.

8. (Original) The method of Claim 7 wherein said first protocol is Signaling System Seven (SS7) and said step of forwarding is accomplished via a SS7 A-link.

9. (Original) The method of claim 7 wherein said second protocol is ISDN Primary Rate Interface (PRI) Q.931 and said step of forwarding is accomplished via a Primary Rate Interface.

10. (Canceled)

11. (Canceled)

12. (Original) The method of claim 1 wherein said destination location is a remote access server.

13. (Previously Presented) The method of claim 1 wherein said step of controlling a second switch comprises the steps of:

sending an application programming interface command to said second switch; and

setting up a connection through said second switch to a port connected to said destination location according to said command.

14. (Previously Presented) The method of claim 12 wherein said connection is selected from the group consisting of a switched connection and a soft Permanent Virtual Circuit connection.

15. (Previously Presented) The method of claim 1 wherein said second switch is an asynchronous transfer mode switch.

16. (Previously Presented) The method of claim 1 wherein traffic data is distributed over a digitized voice transmission system selected from the group consisting of T1, E1, STS-1, DS-3, frame relay, native ATM, and Ethernet.

17. (Previously Presented) The method of claim 1 further comprising the steps of:

storing traffic detail information, when said traffic type is characterized as said second traffic type; and

transferring said traffic detail information that has been stored to a traffic accounting system.

18. (Previously Presented) The method of claim 17 wherein said traffic detail information is selected from the group consisting of call start time-stamp, call end time-stamp, called party directory number, called party sub-address, calling party directory number, calling party sub-address, disconnect reason, inbound B channel, outbound B channel, inbound circuit identification code, outbound circuit identification code, inbound node identification, and outbound node identification.

19. (Currently Amended) A destination call router for routing traffic from an originating location to a destination location over a PSTN, the destination call router comprising:

a first segment responsive to a first switch of a signaling network for determining a traffic type as a first traffic type or a second traffic type and commanding further action based on said traffic type, the first traffic type being a non-IP based voice traffic type and the second traffic type being an IP based traffic type; and

a second segment responsive to commands from said first segment for switching, using a second switch, received transmissions between a plurality of destination locations, at least one destination location to an end office being associated with said first traffic type and at least one destination location being associated with said second traffic type.

20. (Previously Presented) The designation call router of claim 19 wherein said first segment is operable to

receive call set-up information of a first protocol;

determine said traffic type from said call set-up information;

direct said call set-up information of said first protocol to a first location type destination location for said first traffic type and forward replies from said first location type destination location to said originating destination in order to establish a call;

translate said call set-up information of said first protocol to a second protocol for said second traffic type and direct said call set-up information of said second protocol to a second location type destination network element and forward to said originating destination in said first protocol replies in said second protocol from said second location type destination network element in order to establish a call;

control a switch to connect data of said first traffic type to said first type destination network element and data of said second traffic type to said second type destination network element.

21. (Original) The destination call router of claim 19 wherein said first segment comprises:

a Broadband Interworking Call Router.

22. (Previously Presented) The destination call router of claim 19 wherein said second segment comprises:

a plurality of second switches, each second switch being an ATM switch.

23. (Currently Amended) An apparatus to provide network congestion relief for the public switched telephone network (PSTN), the apparatus comprising:

a receiver for receiving call set-up information of a first protocol from a first switch over the PSTN;

a first processing unit for determining a traffic type from said received information over the PSTN;

a second processing unit for translating said call set-up information of said first protocol to a second protocol, when said traffic type is characterized as a second traffic type over the PSTN;

a transmitter for forwarding, over the PSTN,

a) said call set-up information of said first protocol to a ~~first location~~ type an end office, destination network element when said traffic type is characterized as a first traffic type and

b) said call set-up information of said second protocol to a second ~~location type~~ destination network element type when said traffic type is characterized as a second traffic type, the first traffic type being a non-IP based voice traffic type and the second traffic type being an IP based traffic type; and

means for controlling a second switch over the PSTN serving a destination location to connect data of said first traffic type to said ~~first type~~ end office, destination network element and data of said second traffic type to said second type of destination network element.

24. (Original) The apparatus of claim 23 further comprising:

means for associating call set-up information with one of a plurality of destination network elements; and

means for storing said associated call set-up information.

25. (Currently Amended) The apparatus of ~~claim 23~~ claim 24 further comprising:

means for distinguishing received call set-up information as being associated with one of a plurality of destination network elements of a predetermined destination type.

26. (Currently Amended) The apparatus of ~~claim 23~~ claim 24 further comprising:

means for associating one of said plurality of destination network elements with one of a plurality of second switches; and

means for storing said association.

27. (Currently Amended) The apparatus of ~~claim 23~~ claim 24 further comprising:

means for distinguishing said destination network elements as being associated with one of a plurality of second switches of a predetermined destination type.

28. (Previously Presented) The apparatus of claim 23 wherein said first processing unit comprises:

a decoder for decoding said call set-up information of a first protocol;

an isolator means for determining the called directory number contained in said received call set-up information; and

a subprocessor for performing a routing table lookup of said determined called directory number on a predetermined table of directory numbers associated with traffic of said second traffic type and setting said type of traffic as said second type if a matching directory number is looked up and as said first type if no matching directory number is looked up.

29. (Previously Presented) The apparatus of claim 23 wherein said first traffic type is a voice call and said second traffic type is data traffic.

30. (Original) The apparatus of claim 23 wherein said second processing unit comprises:

means for converting SS7 call set-up information to the corresponding ISDN Q.931 call set-up information.

31. (Currently Amended) The apparatus of claim 30 wherein said transmitter comprises:

means for transferring said Q.931 information across a Primary Rate interface to said second type of destination network element.

32. (Canceled)

33. (Original) The apparatus of claim 23 wherein said second type destination network element is a remote access server.



34. (Previously Presented) The apparatus of claim 23 wherein said means for controlling a second switch to route call data comprises:

means for sending an application programming interface command to said second switch; and

means for setting up a connection through said second switch to a port connected to said destination network element according to said received command.

35. (Previously Presented) The apparatus of claim 23 wherein said second switch is an asynchronous transfer mode switch.

36. (Previously Presented) The apparatus of claim 23 wherein said traffic data is distributed over a digitized voice transmission system selected from the group consisting of T1, E1, STS-1, DS-3, frame relay, native ATM, and Ethernet.

37. (Previously Presented) The apparatus of claim 23 further comprising:

means for storing call detail information when said determined traffic type is of said second type; and

means for transferring said stored call detail information to a call accounting system.

38. (Original) The apparatus of claim 37 wherein said stored call detail information is selected from the group consisting of call start time-

stamp, call end time-stamp, called party directory number, called party sub-address, calling party directory number, calling party sub-address, disconnect reason, inbound B channel, outbound B channel, inbound circuit identification code, outbound circuit identification code, inbound node identification, and outbound node identification.

39. (Currently Amended) A destination call router for directing voice and data traffic across the PSTN to call destinations and for providing network congestion relief for data traffic, said traffic including signaling and non-signaling traffic from a first switch serving an originating location, said destination call router comprising:

a plurality of asynchronous transfer mode switches, each asynchronous transfer mode switch being a second switch serving a destination location which includes at least a destination end office; and

a Broadband Interworking Call Router (BICR) connected with said asynchronous transfer mode switches, said BICR intercepting signaling of a first or second protocol from a first switch, said BICR translating signaling to a second protocol when receiving signaling for said data calls in said first protocol, said BICR and routing said intercepted signaling to said call destinations, controlling said plurality of asynchronous transfer mode switches to direct traffic to said destinations.

40. (Currently Amended) A method for routing traffic over a Public Switched Telephone Network (PSTN) from an origin location to a destination location associated with a traffic type, said traffic comprising signaling data and non-signaling traffic data, the method comprising the steps of:

receiving signaling data from a first switch serving the origin location;

determining said traffic type from said signaling data that has been received wherein said traffic type is characterized as a first traffic type or a second traffic type, the first traffic type being a non-IP based voice traffic type and the second traffic type being an IP based traffic type;

translating said signaling data associated with said first traffic type from a first protocol to a second protocol associated with said second traffic type;

directing said signaling data to said destination location associated with said first or second traffic type that has been determined to establish a call; and

controlling a second switch serving said destination location to direct traffic data from the origin location to said destination associated with said first or second traffic type; the switch configured to direct traffic data of the first traffic type to an end office and the second traffic type to another type of network element.

41. (Currently Amended) A destination call router for routing traffic from an originating location to a destination location over a PSTN comprising:

a first segment responsive to a first switch of a signaling network for determining a traffic type as a first traffic type or a second traffic type and commanding further action based on said traffic type, the first traffic type being a non-IP based voice traffic type and the second traffic type being an IP based traffic type; and for translating a call determined to be the first traffic type associated with a first protocol into a second protocol associated with the second traffic type; and

a second segment responsive to commands from said first segment for switching, using a second switch, received transmissions between a plurality of destination locations, at least one destination location being an end office associated with said first traffic type and at least one destination location being associated with said second traffic type.

**REMARKS**

**The Section 102 Rejections**

Claims 1-8, 11-13, 15-29 and 32-41 were rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,442,169 to Lewis ("Lewis"). Applicant respectfully disagrees and traverses these rejections for at least the following reasons.

Each of the claims of the present invention requires either non-IP based voice traffic type or a "first" traffic type to be directed to an end office/destination network element.

In contrast, Lewis discloses a system where voice traffic is not directed to an end office. Rather, as disclosed throughout Lewis, the destination end office 108 is bypassed by Lewis' open architecture platform 402. In particular, Lewis shows a trunk 410 for delivering voice traffic to a called party 110 thereby bypassing end office (EO) 108.

In contrast, the present invention is not directed at a method of bypassing an EO. Instead, the present invention is directed at off loading data traffic from an end office. Non-IP voice traffic, however, is directed to an end office instead of being bypassed as in the case in Lewis.

Because Lewis does not disclose each and every element of the present invention, Lewis cannot anticipate the claims of the present invention.

Applicant notes that original claims 11 and 32 were directed at devices which consisted of an end office, and, therefore, the addition of this feature to

each of the claims does not require additional search or consideration by the Examiner.

Accordingly, Applicant respectfully requests withdrawal of the pending rejections and allowance of claims 1-8, 11-13, 15-29 and 32-41.

**The Section 103 Rejections**

Claim 14 was rejected under 35 U.S.C. §103(a) as being unpatentable over Lewis in view of U.S. Patent No. 6,292,463 to Burns et al. ("Burns"). Applicant respectfully disagrees and traverses this rejection for at least the following reasons.

Initially, Applicant notes that claim 14 is dependent upon claim 1 and is therefore patentable over a combination of Lewis and Burns because Burns does not make up for the deficiencies of Lewis as discussed above.

In addition, Applicant notes the admission by the Examiner that Lewis does not disclose or suggest the subject matter of claim 14 which is, namely, directed at a connection to a remote access server which may be selected from the group consisting of a switched connection and a soft, Permanent Virtual Circuit connection.

Claims 9, 30 and 31 were also rejected under 35 U.S.C. §103(a) as being unpatentable over Lewis in view of an article by U. Black entitled, "ATM Foundation for Broadband Networks" ("Black"). Applicant respectfully disagrees and traverses these rejections for at least the following reasons.

Again, Applicant initially notes that claims 9, 30 and 31 are dependent upon independent claims 1 and 19 and are therefore patentable over the combination of Lewis and Black for the reasons set forth above because Black does not make up for the deficiencies of Lewis discussed above.

In addition, Applicant notes the admission of the Examiner that Lewis does not disclose or suggest the use of Q.931 signaling. Accordingly, Applicant respectfully requests withdrawal of the pending rejections and allowance of claims 9, 30 and 31.

**Entry of Amendment After Final Rejection**

Entry of the Amendment is requested under 37 U.S.C. §1.116 because the Amendment: (a) places the application in condition for allowance for the reasons discussed herein; (b) does not raise any new issues regarding further search and/or considerations; (c) does not present any additional claims without canceling the corresponding number of finally rejected claims; and (d) places the application in better form for appeal, if an appeal is necessary. Entry of the Amendment is thus respectfully requested.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact John E. Curtin at the telephone number of the undersigned below.

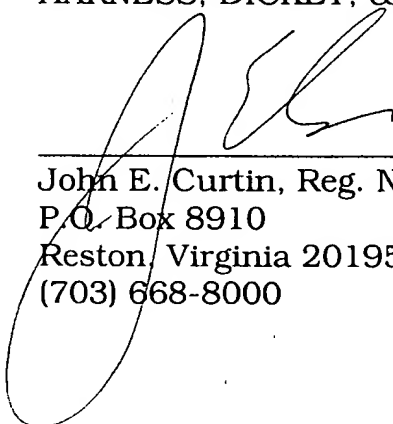
In the event this Response does not place the present application in condition for allowance, applicant requests the Examiner to contact the undersigned at (703) 668-8000 to schedule a personal interview.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY, & PIERCE, P.L.C.

By



---

John E. Curtin, Reg. No. 37,602  
P.O. Box 8910  
Reston, Virginia 20195  
(703) 668-8000

JEC:psy





UNITED STATES PATENT AND TRADEMARK OFFICE



29250-0090562

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/280,618	03/29/1999	MAHDI S. CHAMBERS	CHAMBERS-1	6099

7590 08/22/2005

JOHN E. CURTIN  
HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. BOX 8910  
RESTON, VA 20195

EXAMINER
----------

FERRIS, DERRICK W

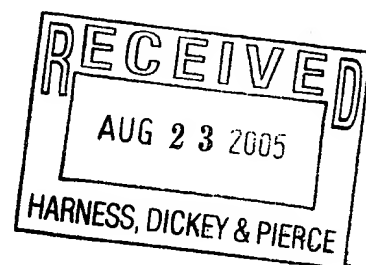
ART UNIT	PAPER NUMBER
----------	--------------

2663

DATE MAILED: 08/22/2005

Please find below and/or attached at Office communication concerning this application or proceeding.

A. D.



**Advisory Action  
Before the Filing of an Appeal Brief**



Application No.

09/280,618

Applicant(s)

CHAMBERS, MAHDI S.

Examiner

Derrick W. Ferris

Art Unit

2663

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 05 August 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

- ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.  
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  
Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**NOTICE OF APPEAL**

2. ☐ The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

**AMENDMENTS**

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
(a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);  
(b) ☐ They raise the issue of new matter (see NOTE below);  
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: see attached sheet. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  
The status of the claim(s) is (or will be) as follows:  
Claim(s) allowed: \_\_\_\_\_.  
Claim(s) objected to: \_\_\_\_\_.  
Claim(s) rejected: \_\_\_\_\_.  
Claim(s) withdrawn from consideration: \_\_\_\_\_.

**AFFIDAVIT OR OTHER EVIDENCE**

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).  
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

**REQUEST FOR RECONSIDERATION/OTHER**

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: \_\_\_\_\_.  
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). \_\_\_\_\_  
13. ☐ Other: \_\_\_\_\_.

RICKY NGO  
PRIMARY EXAMINER

8/18/05

The amendment to at least the independent claims clarifying that the destination location is an end office requires further search and/or reconsideration.



## NEW CENTRAL FAX NUMBER

Effective July 15, 2005

On July 15, 2005, the Central FAX Number will change to **571-273-8300**. This new Central FAX Number is the result of relocating the Central FAX server to the Office's Alexandria, Virginia campus.

Most facsimile-transmitted patent application related correspondence is required to be sent to the Central FAX Number. To give customers time to adjust to the new Central FAX Number, faxes sent to the old number (703-872-9306) ~~will be routed~~ to the new number until September 15, 2005. After September 15, 2005, the old number will no longer be in service and **571-273-8300** will be the only facsimile number recognized for "centralized delivery".

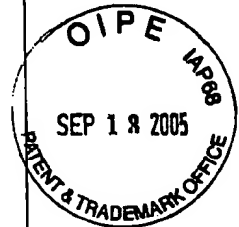
**CENTRALIZED DELIVERY POLICY:** For patent related correspondence, hand carry deliveries must be made to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), and facsimile transmissions must be sent to the Central FAX number, unless an exception applies. For example, if the examiner has rejected claims in a regular U.S. patent application, and the reply to the examiner's Office action is desired to be transmitted by facsimile rather than mailed, the reply must be sent to the Central FAX Number.



Applicant: Mahdi S. CHAMBERS	Case No.: 29250-000915/US
Serial No.: 09/280,618	Filing Date: March 29, 1999
Title: DESTINATION CALL ROUTING APPARATUS AND METHOD	

Please acknowledge receipt of:

Check No. 18663 for \$500.00  
Transmittal  
Fee Transmittal  
Notice of Appeal



By stamping and returning to Harness, Dickey & Pierce, P.L.C.

USPTO Date Stamp

Due: 09/15/2005

Attorney: John E. Curtin f. 09/13/2005



RESPONSE UNDER  
37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2663

PATENT  
29250-000915/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Mahdi S. CHAMBERS      Conf.: 6099  
Appl. No.: 09/280,618      Group: 2663  
Filed: March 29, 1999      Examiner: Derrick W. Ferris  
For: DESTINATION CALL ROUTING APPARATUS AND METHOD  
Docket No.: 29250-000915/US

---

NOTICE OF APPEAL FROM THE  
PRIMARY EXAMINER TO THE BOARD OF APPEALS

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
Mail Stop AF

September 13, 2005

Sir:

Applicants hereby appeal to the Board of Appeals from the decision dated June 15, 2005 of the Primary Examiner finally rejecting claims 1-9 and 11-41.

☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

Applicants hereby petition for an extension of ( ) month(s) pursuant to 37 C.F.R. §§ 1.17 and 1.136(a).

The fee has been calculated as shown below:

☐ NO extensions of time have been previously obtained for responding to the Final Rejection. Thus a fee of \$      is required for the full period of the above-requested extension of time.

- ☐ An extension of \_\_\_\_\_ (\_\_\_\_\_) month(s) for responding to the Final Rejection was previously requested and paid for on \_\_\_\_\_. Thus a fee of \$ \_\_\_\_\_ is required.
- ☐ Applicant claims small entity status. See 37 C.F.R. § 1.27.

The Government fee for filing a Notice of Appeal to the Board of Appeals is calculated as follows:

- ☒ Large entity - \$500.00
- ☐ Small Entity - \$250.00

Therefore, the TOTAL FEE due for the filing of this Notice of Appeal is \$500.00.

Payment of the above TOTAL FEE is being made in the following manner:

- ☒ Check in the amount of \$500.00 is enclosed.
- ☐ Please charge Deposit Account No. 08-0750 in the amount of \$0.00. A triplicate copy of this sheet is attached.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY, & PIERCE, P.L.C.

By

  
\_\_\_\_\_  
John E. Curtin, Reg. No. 37,602

P.O. Box 8910  
Reston, Virginia 20195  
(703) 668-8000

JEC:psy



Applicant: Mahdi S. CHAMBERS	Case No.: 29250-000915/US
Serial No.: 09/280,618	Filing Date: March 29, 1999
Title: DESTINATION CALL ROUTING APPARATUS AND METHOD	

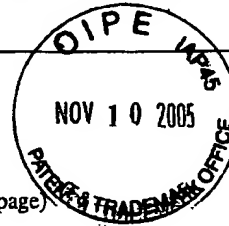
Please acknowledge receipt of:

Check No. 9170 for \$990.00

Transmittal (1 page)

Fee Transmittal (1 page)

Request for Continued Examination (1 page)



By stamping and returning to Harness, Dickey & Pierce, P.L.C.

USPTO Date Stamp

Due: 11/13/05

Attorney: John E. Curtin

11/10/05



# Request For Continued Examination (RCE) Transmittal

Address to:  
Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	10/697,498
Filing Date	October 30, 2003
First Named Inventor	Alan Michael LYONS
Art Unit	2821
Examiner Name	Leith A. Al Nazer
Attorney Docket Number	29250-002170/US

**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.**

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 C.F.R. 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

- a. ☒ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_  
ii. ☒ Other: 08/05/05 Amendment After Final

- b. ☐ Enclosed

- i. ☐ Amendment/Reply  
ii. ☐ Affidavit(s)/Declaration(s)  
iii. ☐ Information Disclosure Statement (IDS)  
iv. ☐ Other \_\_\_\_\_

## 2. Miscellaneous

- a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. 1.17(i) required)  
b. ☐ Other \_\_\_\_\_

3. **Fees** The RCE fee under 37 C.F.R. 1.17(e) is required by 37 C.F.R. 1.114 when the RCE is filed.

- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 08-0750

- i. ☐ RCE fee required under 37 C.F.R. 1.17(e)  
ii. ☐ Extension of time fee (37 C.F.R. 1.136 and 1.17)  
iii. ☒ Other Any deficiency for a fee required under 37 C.F.R. 1.16 or 1.17

- b. ☒ Check in the amount of \$ 790.00 enclosed  
c. ☐ Payment by credit card (Form PTO-2038 enclosed)

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print /Type)	John E. Curtin	Registration No. (Attorney/Agent)	37,602
Signature		Date	10/27/05

## CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below:

Name (Print /Type)	John E. Curtin	Express Mail Label No.	
Signature		Date	10/27/05

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

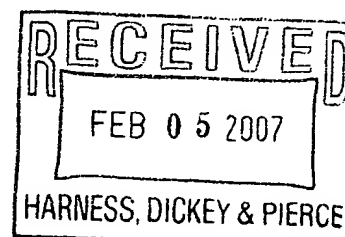


## UNITED STATES PATENT AND TRADEMARK OFFICE

Transferred  
24250-0009151us  
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/280,618	03/29/1999	MAHDI S. CHAMBERS	CHAMBERS-I	6099
7590 JOHN E. CURTIN HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 8910 RESTON, VA 20195			EXAMINER FERRIS, DERRICK W	
			ART UNIT 2616	PAPER NUMBER
			MAIL DATE 02/02/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.





# **Notice of Abandonment**

Application No.

09/280,618

Examiner

Derrick W. Ferris

Applicant(s)

CHAMBERS, MAHDI S.


Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on 15 June 2005.
  - (a) ☐ A reply was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply (including a total extension of time of \_\_\_\_\_ month(s)) which expired on \_\_\_\_\_.
  - (b) ☐ A proposed reply was received on \_\_\_\_\_, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection.  
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
  - (c) ☐ A reply was received on \_\_\_\_\_ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
  - (d) ☒ No reply has been received.
2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
  - (a) ☐ The issue fee and publication fee, if applicable, was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
  - (b) ☐ The submitted fee of \$\_\_\_\_\_ is insufficient. A balance of \$\_\_\_\_\_ is due.  
The issue fee required by 37 CFR 1.18 is \$\_\_\_\_\_. The publication fee, if required by 37 CFR 1.18(d), is \$\_\_\_\_\_.
  - (c) ☐ The issue fee and publication fee, if applicable, has not been received.
3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
  - (a) ☐ Proposed corrected drawings were received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply.
  - (b) ☐ No corrected drawings have been received.
4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.
6. ☐ The decision by the Board of Patent Appeals and Interference rendered on \_\_\_\_\_ and because the period for seeking court review of the decision has expired and there are no allowed claims.
7. ☒ The reason(s) below:  
  
see attached sheet.

  
DERRICK W. FERRIS  
PRIMARY PATENT EXAMINER

1/30/02

Derrick W. Ferris  
Examiner  
Art Unit: 2616

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

**Continuation Sheet (PTOL-1432)**

**Application No.**

John Curtain was notified of potential abandonment on 1/30/2007. Mr. Curtain stated that he filed an RCE on 11/15/06. No record of an RCE was found in eDAN. In particular, a Final Rejection was mailed 6/15/2005 and an Advisory Action was further mailed 8/22/2005. The last paper of record is a Notice of Appeal filed 9/13/2005 by applicant. The examiner encouraged the applicant to file a petition if the above information is incorrect. The examiner further noted that the notice of abandonment would be mailed to the current address on record. If the address of record is incorrect, please also file a Change of Address form as well. A courtesy copy of the abandonment was faxed to the applicant.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Application No.: 09/280,618                      Group Art Unit: 2616  
Filing Date: March 29, 1999                      Examiner: Derrick W. Ferris  
Applicant: Mahdi S. Chambers .  
Title: DESTINATION CALL ROUTING APPARATUS AND METHOD  
Attorney Docket: 129250-000915/US

**CHANGE OF ADDRESS**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
**Mail Stop Petition**

Please change the Customer No. to **32498** and the correspondence address of the attorneys  
of record in the above-identified application to:

**The new correspondence address is:**

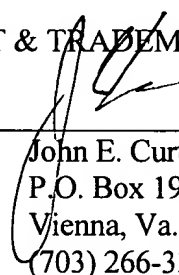
CAPITOL PATENT & TRADEMARK LAW FIRM, PLLC.  
P.O. Box 1995  
Vienna, VA 22183

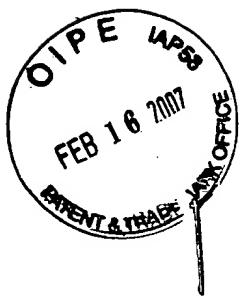
The undersigned is empowered to sign this Change of Address on behalf of the Assignee.

Respectfully submitted,

CAPITOL PATENT & TRADEMARK LAW FIRM, PLLC.

By

  
\_\_\_\_\_  
John E. Curtin, Reg. No. 37,602  
P.O. Box 1995  
Vienna, Va. 22183  
(703) 266-3330



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/280,618                      Group Art Unit: 2616  
Filing Date: March 29, 1999                      Examiner: Derrick W. Ferris  
Applicant: Mahdi S. Chambers .  
Title: DESTINATION CALL ROUTING APPARATUS AND METHOD  
Attorney Docket: 129250-000915/US

***REVOCATION OF POWER OF ATTORNEY, SUBSTITUTE POWER OF  
ATTORNEY, AND CHANGE IN CORRESPONDENCE ADDRESS***

U.S. Patent and Trademark Office  
Customer Window  
401 Delaney Street  
Alexandria,, VA 22314

Dear Sir:

The Assignee of the above-identified patent application, Lucent Technologies, Inc. having a business office at 600 Mountain Avenue, P.O. Box 636, Murray Hill, NJ 07974-0636, hereby revokes any and all previous powers of attorney for the above-identified patent application or issued patent, and hereby appoints the CAPITOL PATENT & TRADEMARK LAW FIRM, PLLC and Lucent Technologies as the attorneys of the Assignee to receive all correspondence relating to the above-identified application or patent and to transact all business in the United States Patent and Trademark Office connected therewith, with full power of substitution and revocation, and the Assignee ratifies any act done by the Assignee's attorneys in respect of this patent. The new correspondence address is:

CAPITOL PATENT & TRADEMARK LAW FIRM, PLLC  
P.O. Box 1995  
Vienna, VA 22183  
Customer Number 32498

The undersigned (whose title is supplied below) is empowered to sign this Revocation and Substitute Power of Attorney on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2/10/07  
Date

Eugene J. Rosenthal  
Eugene J. Rosenthal  
Corporate Counsel